Defining the Problem

- Combat engineering across the MAGTF is broken
  - Disjointed/diluted
  - Inability to mass a critical time/place
  - Not integrated
  - Advocacy
  - Simply not enough to go around

Facts

- Engineers are a LD/HD function – massing of engineers at critical points essential to achieving desired affect
- Current engineer architecture is fractured within the MAGTF
- Zero sum game in construct
- MSCs want their engineer support

Assumptions

- EMW is the construct in which the Corps will fight future wars
- Both a *Force Provider* and *Maneuver Element*
- Engineering remains a relevant function of both maneuver and logistics (equally parted).
- MEU/SOC requirements remain
- NCF remains a viable & integrated effort towards supporting the MAGTF
- Jointness and inter-operability ability are essential.
- Participation in GCC TSCP remains
- MSCs don’t loose their engineer plans/directorates

COA #1: Engineer Regiment (MEF) 2010-2015 . Consolidates engineers functions under one commander across the MAGTF will responsibilities of providing engineer support across the spectrum of engineering.

- Advantages
  - Unity of effort (planning, training, employment,C2)
  - Builds the 9913 MOS
  - Synergy
  - Cost savings in material and personnel
  - Flexible/adaptable in tasking organization (modular concept) and concentrating effort
  - Efficient
  - Integrated planning/staffs
  - Advocacy Pure
  - Focus

- Disadvantages
  - Loss of organic capability
  - Perception of loss control/immediate response
  - Creates another large MSC under MEF
  - Growing pains

COA #2: Consolidated ESB/CEB (Midterm 2010). Division and FSSG engineer functions consolidate under one commander. Assumes the EWT concept if validated and the engineer functions of WING remain in tact. Consolidates expedient and deliberate combating engineer capabilities to the function of maneuver and logistics.

- Advantages
  - MWSG engineer capability remains
  - Builds the 9913 MOS
  - Retains GS capability for the MAGTF
  - Unity of effort (planning, training, employment,C2)
  - Synergy
  - Adaptable/flexible – ability to concentrate
  - Reduces unnecessary redundancy
- Disadvantages
  - Potential loss of organic capability
  - Perception of loss control/immediate response
  - Does not completely solve advocacy w/ MWSG

COA #3: The realignment (2005). Right sizes and aligns resources to engineer structure within the MAGTF. MSCs retain engineer functions as specialties focused exclusively on core competencies of MSCs.

- Advantages
  - Focus exclusively on core competency of MSC
  - Increases individual MSC capabilities e.g., CEB pure
  - Specialized engineers
- Disadvantages
  - Fractures the engineer community
  - Eliminates the ability to staff a 9913 MOS
  - Ridged
  - Reduces synergies w/ MSC
  - Increased Stove pipe mentality – reduces ability of MAGTF engineer/C2

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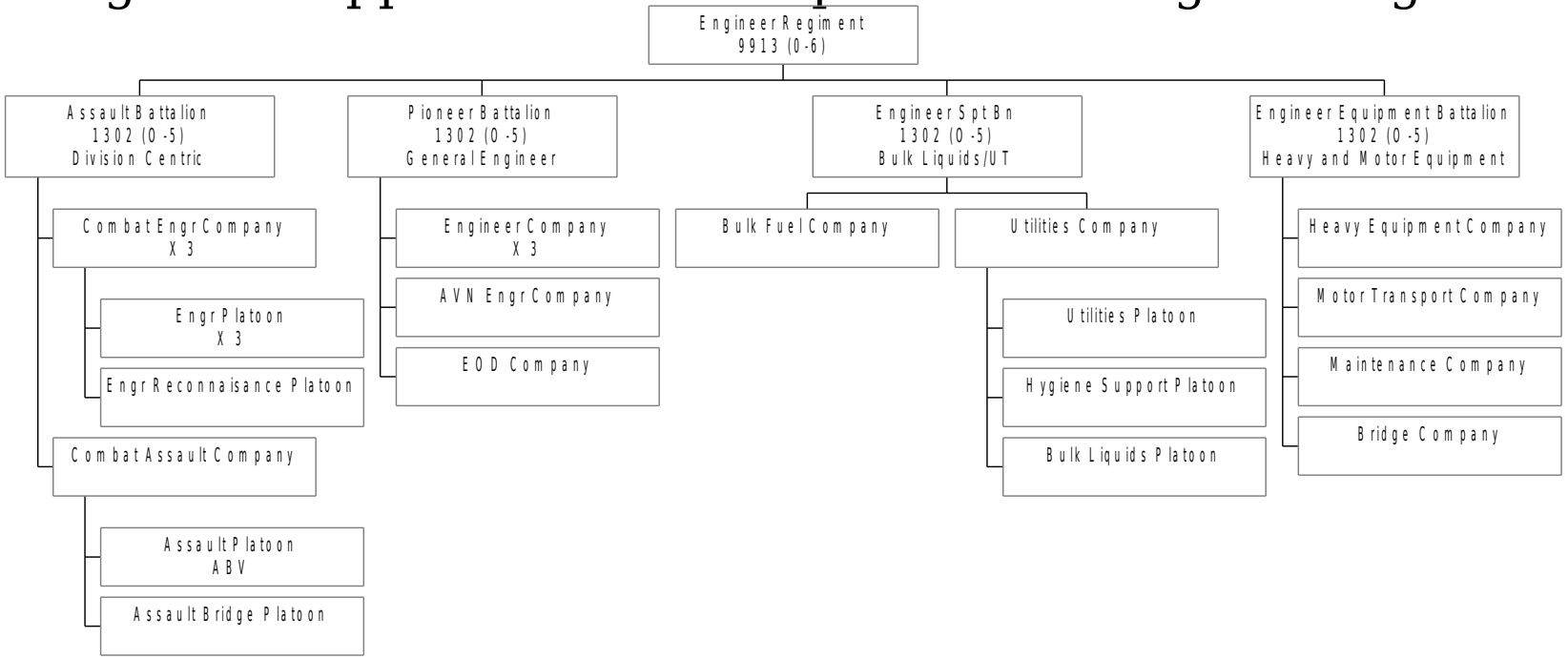

- Combat Engineer Companies maintain habitual relationship with Regiments
- Assault and Pioneer Battalions support MEU/SOC with respective engineer platoons
- Aviation Engineer Company maintains habitual relationship with MWSG
- Each battalion has modularity – build tailored engineer units for respective tasks

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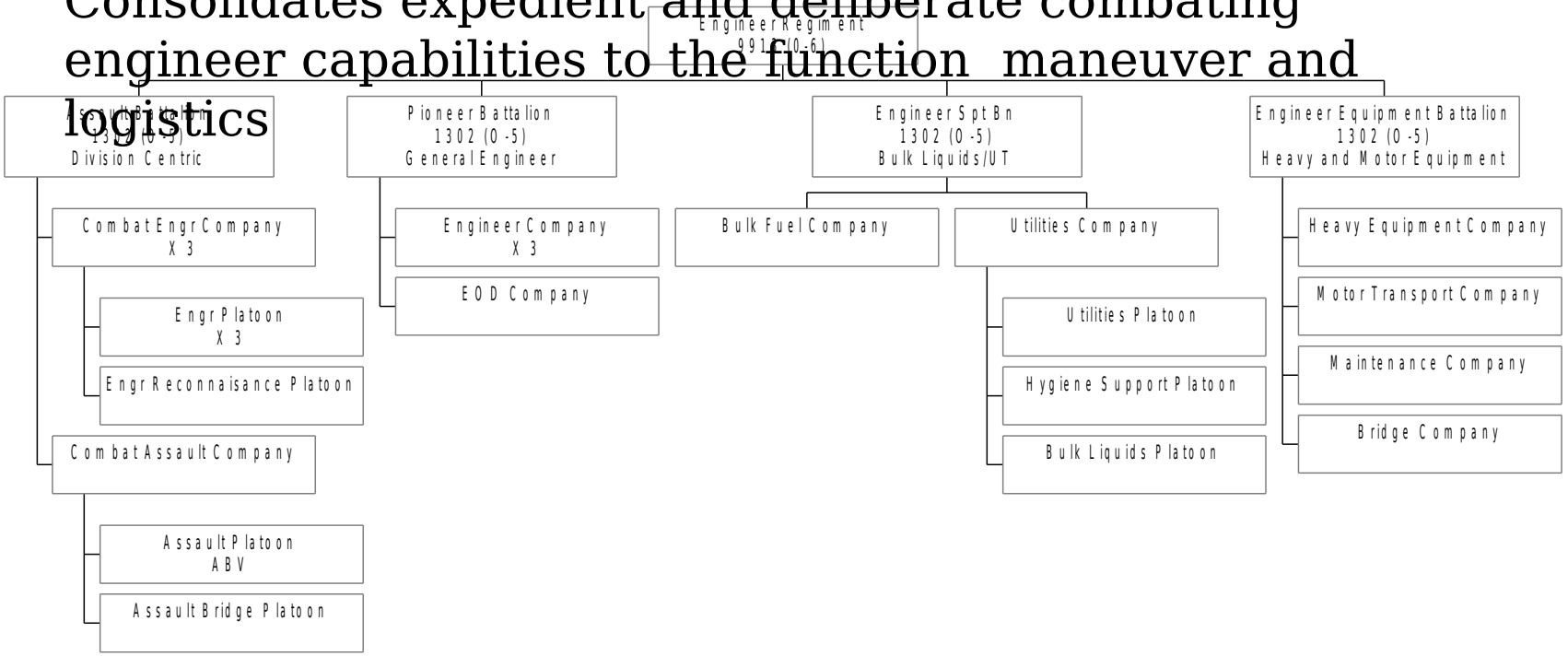

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- Combat Engineer Companies maintain habitual relationship with Regiments
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* Flexibility in location of regiment – either MEF, DIV o

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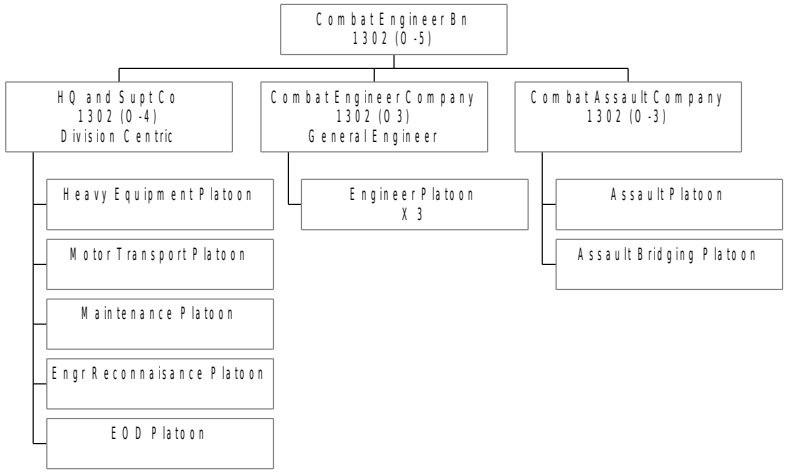

EWT/FSSG

MAW/MWSG